

V5305 JE/stt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Express Mail mailing label no. EF024293343US  
Deposited October 18, 2001

USA Patent Application  
Rocco Mertsching, et al  
REAR-VIEW MIRROR FOR A VEHICLE,  
WITH A REFLECTIVE SURFACE

Priority: German Patent Application  
100 52 751.5 filed October 25, 2000

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

S I R :

PRELIMINARY AMENDMENT

Please amend this application simultaneously with filing as follows:

## IN THE ABSTRACT

UNNUMBERED PAGE 12

Cancel the page containing the Abstract and replace it with the new Abstract attached hereto on a separate page.

IN THE SPECIFICATION

Page 1, Line 9, before this line, after the title, insert the following paragraph heading:

--FIELD AND BACKGROUND OF THE INVENTION--

Page 1, Line 32, before this line insert the following paragraph  
heading:

-- SUMMARY OF THE INVENTION --

Page 2, Line 18, before this line insert the following paragraph  
heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--

Page 3, Line 1, before this line insert the following paragraph  
heading:

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT--

IN THE CLAIMS

(APPLICATION PAGES 10-11)

Lines 6-7, delete this title paragraph "Rear-view mirror . . . surface"

Before claim 1, change "Patent claims" to --WE CLAIM:--

Please cancel claims 1-7 without prejudice or disclaimer of the subject matter therein and substitute the following claims 8-14 therefor:

8. (new) Rear-view mirror for a vehicle, with a reflective surface (1), wherein the reflective surface (1), at least in a sub-area, has a display (3) with a reflective background, the display (3) being capable of displaying text symbols or pictograms.

9. (new) Rear-view mirror according to claim 8, further comprising a distance measuring system which, at least in a rear space of the vehicle, registers distance between the vehicle and an object located in the environment of the vehicle quantitatively, the distance measuring system displaying a measured distance in the display (3) integrated into the reflective surface (1).

10. (new) Rear-view mirror according to claim 8, wherein the display (3) is constructed as a liquid-crystal display, the liquid-crystal display being backed by a reflective film (12) which, on a side facing the liquid-crystal display, possesses reflective characteristics and is virtually opaque there, while, from a side facing away from the liquid-crystal display, the film (12) lets light through in order to illuminate the liquid-crystal display.

11. (new) Rear-view mirror according to  
claim 10, wherein the reflective film (12) has a polarizing  
effect for light.

12. (new) Rear-view mirror according to  
claim 8, wherein the display (3) is constructed as a transparent,  
self-luminous display.

13. (new) Rear-view mirror according to  
claim 8, wherein all electronic components needed to operate the  
display (3) are arranged in a control electronics (14) in a  
housing of the rear-view mirror, the control electronics (14)  
including a programmable data processing unit and a data  
interface to connect the data processing unit to a data bus  
system arranged in the vehicle.

14. (new) Rear-view mirror according to  
claim 8, wherein the display (3) is constructed as a pixel-  
oriented liquid-crystal display, which is regulatable, by means  
of a data processing unit arranged in the rear-view mirror, in  
conjunction with at least one light-sensitive sensor (4) arranged  
in the reflective surface (1), with effect that a reflective film  
(12) placed behind the liquid-crystal display is darkenable by  
activating pixels of the liquid-crystal display in event of  
interfering reflections of external light.

R E M A R K S

This amendment is requested to be entered simultaneously with filing this application.

Claims 1-7 have been cancelled without prejudice or disclaimer of the subject matter therein and claims 8-14 are presented therefor which have the same subject matter of claims 1-7, respectively, and present the claims in accordance with USA practice under 35 USC 112 and eliminate multiple-dependent form claims.

No multiple-dependent claims exist in this application as of the filing date and no multiple-dependent claim fees apply.

The specification has also been amended for formal improvement to comply with USA practice.

An Abstract is presented on a separate page herewith.

Please enter this Preliminary Amendment prior to calculating the claim fees and prior to an action on the merits, which is respectfully requested.

Respectfully submitted,  
Rocco Mertsching, et al

by: 

Martin A. Farber  
Attorney for Applicants  
Registered Representative  
Registration No. 22,345

866 United Nations Plaza  
Suite 473  
New York, NY 10017  
(212) 758-2878

USA Patent Application  
Rocco Mertsching, et al  
REAR-VIEW MIRROR FOR A VEHICLE,  
WITH A REFLECTIVE SURFACE  
Priority: German Patent Application  
100 52 751.5 filed October 25, 2000

Abstract

In order to develop a rear-view mirror for a vehicle, with a reflective surface, in such a way that the rear-view mirror can firstly provide the driver of the vehicle with depth information based on a physical measurement, and is also capable of displaying further information which is important to the driver, without causing the driver to change viewing direction, the reflective surface (1) in a rear-view mirror, at least in a sub-area, is equipped with a display (3) with a reflective background, the display (3) being capable of displaying text symbols and/or pictograms. In this case, the reflective surface (1), in spite of the inserted information, is intended to remain usable over virtually the entire area for depicting objects located behind the vehicle, and also to require no built-on fittings on the rear-view mirror.